

INTERNATIONAL SEARCH REPORT

International Application No.
PCT/EP2004/013000

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 H03D7/14

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 H03D H03C

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	FR 2 762 942 A (ALCATEL ALSTHOM COMPAGNIE GENERALE D'ELECTRICITE) 6 November 1998 (1998-11-06) page 1, line 19 - page 2, line 34; figure 1	1, 18
Y	US 2002/051497 A1 (BREEMS LUCIEN JOHANNES ET AL) 2 May 2002 (2002-05-02) paragraph '0024! - paragraph '0027!; figure 1	1, 18
A	US 6 121 818 A (KIM ET AL) 19 September 2000 (2000-09-19) column 2, line 39 - column 3, line 24; figure 2	1, 18
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

A document defining the general state of the art which is not considered to be of particular relevance

E earlier document but published on or after the international filing date

L document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

O document referring to an oral disclosure, use, exhibition or other means

P document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

Z document member of the same patent family

Date of the actual completion of the international search

31 May 2005

Date of mailing of the international search report

13/06/2005

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>US 2001/046849 A1 (VILLEMAZET JEAN-FRANCOIS ET AL) 29 November 2001 (2001-11-29) paragraph '0020! - paragraph '0026!; figure 1</p> <p>-----</p>	1, 18

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Information on patent family members

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